



IOWA DEPARTMENT OF NATURAL RESOURCES

LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

Solid Waste Alternatives Program (SWAP)

Purpose and Goal

- To provide financial assistance for solid waste related programs and projects leading to a diversion of solid waste from Iowa sanitary landfills

Eligible Applicants

- Any unit of local government
- Public or private group
- Individual or business

Eligible Projects

- Best Practices
- Education
- Market Development

Solid Waste Alternatives Program (SWAP)

Type of Financial Assistance

- Forgivable Loans – up to \$20,000
- 0% Interest Loans – up to \$150,000
- 3% Interest Loans – balance of award amount

Solid Waste Alternatives Program (SWAP)

Type of Financial Assistance

- Forgivable Loans – up to \$10,000
- 0% Interest Loans – up to \$50,000
- 3% Interest Loans – balance of award amount

Solid Waste Alternatives Program (SWAP)

Eligible Costs

- Purchase/installation of waste reduction equipment
- Purchase/installation of collection, processing or hauling equipment
- Printing and distribution of educational materials, planning and implementation of education forums
- Building construction, renovation costs

Ineligible Costs

- Land acquisition
- Taxes
- Indirect and overhead expenses
- Office furniture, office computers, etc.
- Contingency funds

Solid Waste Alternatives Program (SWAP)

Minimum Cost Share

- Minimum 25% cash match for each budget line item

Application Submittal

- Quarterly review of applications
- Application submittal deadlines are: January 2nd July 1st
April 1st October 1st

Application Review

- Review committee generally meets the end of the month applications are due
- Recommended projects are forwarded to DNR management for approval

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Funding Availability

- Project awards of less than \$25,000 – generally 1.5 months after application deadline
- Project awards of more than \$25,000 – generally 2.5 months after application deadline

Example Projects

- Loffredo Fresh Produce
- 7G Distributing
- Big Ox Energy
- Armour Eckridge Meats
- Hillphoenix Specialty Products

Solid Waste Alternatives Program (SWAP)

Loffredo Fresh Produce

- Full-line fresh produce distributor selling everything from apples to zucchini
- Also produces fresh-cut fruits and vegetables in-house for both retail and foodservice
- SWAP award in 2003 to initiate the feeding livestock program
- SWAP award in 2014 to implement the feeding livestock program at their new second facility as well as recycling of paper and cardboard
- The company was presented the “2011 Better Tomorrow” award by Sodexo for their support of local farmers and communities through the scraps for livestock feed program



Solid Waste Alternatives Program (SWAP)



7G Distributing – Dubuque

- **Shipped 115 tons** of glass to Ripple Glass in first 1.5 months
- **Safety & efficiency improved** due to elimination of sorting & crushing operations
- **Improved reclamation**
 - Ripple is reporting reclamation rates of 98+%
 - Roughly 30% recycled into glass bottles; 70% into insulation



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Big Ox Energy

- Operates an anaerobic digester
- Accepts numerous organic wastes and by-products
- SWAP award was to install a depackaging system
- Produces electricity, natural gas, compost/mulch, and fertilizers
- Opened new revenue streams by expanding the types of waste accepted and increased throughput



Solid Waste Alternatives Program (SWAP)

Armour – Eckridge Meats

- Project is to divert organic materials from the landfill to an anaerobic digester
- Simple hoop building with spray insulation
- Tanker trailer parked inside
- Avoided first year costs \$30,000
- Company achieved Zero Waste status



Solid Waste Alternatives Program (SWAP)

Hillphoenix Specialty Products

- Company manufactures refrigerator cases and coolers using using polystyrene sheet foam for insulation
- Generate roughly 140 pounds of waste daily
- Recycling economics are difficult - transportation cost very high
- Material is bulky and does not compact
- Requires extra solid waste pick-ups when tossed in the dumpster and storage space for the material can be excessive
- SWAP assistance to purchase and install a foam densifier next to the point of generation
- Saved company landfill related fees and created production time efficiencies



Solid Waste Alternatives Program (SWAP)

Application materials can be found at:

www.iowadnr.gov/FABA

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Thank You